

Application No. 09/269,503
Amendment under 37 C.F.R. §1.111 dated November 10, 2004
Response to the Office Action of August 10, 2004

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (Canceled)

Claim 2 (Currently Amended): A liquid crystal display device, comprising:

a super twisted nematic liquid crystal cell in which nematic liquid crystal having a twist angle in the range from 180° to 270° is filled and sandwiched between a transparent first substrate having a first electrode and a transparent second substrate having a second electrode;
a twisted retardation film provided outside said second substrate;
the twist angle and the $\Delta n d$ value of the twisted retardation film are smaller than that of the super twisted nematic liquid crystal cell;
an absorption-type polarizing film provided outside the twisted retardation film for absorbing light linearly polarized in the direction orthogonal to the transmission axis thereof;
a reflection-type polarizing film having a transmission axis and a reflection axis in a direction orthogonal to the transmission axis, provided outside said first substrate for transmitting light linearly polarized in a direction parallel to the transmission axis and reflecting light linearly polarized in the direction parallel to the reflection axis; and
a light absorbing member provided outside the reflection-type polarizing film,

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wherein said twisted retardation film and said reflection-type polarizing film constitute reflection light increasing means which increases intensity of reflected light which is transmitted from a visible side of said super twisted nematic liquid crystal cell and reflected to the visible side by said reflection-type polarizing film, ~~to increase brightness of said reflected light by setting a lower and an upper polymer molecular alignment directions and a retardation value of said twisted retardation film with respect to said super twisted nematic liquid crystal cell such that in which~~ light changed into elliptically polarized light when transmitted through said absorption-type polarizing film and said twisted retardation film from the visible side is ~~returned set to return~~ to substantially linearly polarized light and outputted after further transmitted through said super twisted nematic liquid crystal cell ~~to increase brightness of said reflected light in a state no voltage is applied thereto; to the liquid crystal cell, while the light enables the color of said light absorbing member to be visible in a state voltage is applied to the liquid crystal cell and by disposing said reflection-type polarizing film such that the reflection axis thereof is in a direction parallel to or orthogonal to a polarization direction of the linearly polarized light transmitted through said super twisted nematic liquid crystal cell and outputted~~

Claim 3 (Canceled)

Claim 4 (Original): The liquid crystal display device according to claim 2, wherein a light diffusion layer is provided on the outside surface of said absorption-type polarizing film.

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Claim 5 (Canceled)

Claim 6 (Original): The liquid crystal display device according to claim 2, wherein a light diffusion sheet is provided outside said absorption-type polarizing film.

Claim 7 (Canceled)

Claim 8 (Original): The liquid crystal display device according to claim 2, wherein said absorption-type polarizing film is a color polarizing film using a dichromatic pigment.

Claim 9 (Canceled)

Claim 10 (Original): The liquid crystal display device according to claim 2, wherein said light absorbing member is a color filter.

Claim 11 (Canceled)

Claim 12 (Original): The liquid crystal display device according to claim 2, wherein said light absorbing member is a solar cell.

Claim 13 (Canceled)

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Claim 14 (Original): The liquid crystal display device according to claim 2, wherein said light absorbing member is a translucent absorbing member and a back light is provided outside the translucent absorbing member.

Claim 15 (Canceled)

Claim 16 (Original): The liquid crystal display device according to claim 2, wherein a light diffusion layer is provided between said first substrate of the liquid crystal cell and said reflection-type polarizing film.

Claim 17 - 18 (Canceled)